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Our Case No. 9281-4277
Client Reference No. J US00145

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Tomokuni Wauke)
Serial No. To Be Assigned)
Filing Date: Herewith)
For: Inner-Rotor Motor Implementing Rotor)
With Effective Drive, and Disk Drive Using)
the Same)

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to examination of the above-identified application, please amend the application as follows:

In the Specification

Please rewrite the paragraph on page 3, lines 16-20 as follows:

(Amended) However, when the area of the yoke 161 and the cores 163 is reduced according to the foregoing demand, there has been found a possibility that the magnetic mutual effect to the rotor 166 becomes circumferentially nonuniform and the operational stability of the disk cannot be maintained accordingly.

Please rewrite the paragraph on page 13, lines 23-27 as follows:

(Amended) That is, the value Q that the spacing between the circumferential center positions of the rotor facing side 33 d and rotor facing side 38d positioned on both sides is expressed by the angle at the rotational center 21 is set to 75° in the central angle at the rotational center 21 of the rotor 2.

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Please rewrite the paragraph on page 29, lines 7-10 as follows:

(Amended) On the control board 6 are mounted chips 61, 61 as a controller that performs the drive control of the position controller 5 and the inner-rotor motor, and a capacitor 62, and so forth.

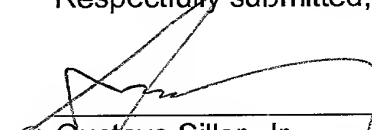
Please rewrite the paragraph on page 39, lines 11-18 as follows:

(Amended) Here, the spacing between the cut-out 15 and the cut-out 16 is set larger than the spacing between the cut-out 12 and the cut-out 13, or the spacing between the cut-out 12 and the cut-out 14; accordingly, the magnetic fluxes from the magnet 25 fall much more on the chassis 1, and the downward thrust acting on the rotor 2 becomes larger. Therefore, the upper ends of the magnetic balancers 80, 90 are to be set at a higher position than the upper end of the magnetic balancer 7.

REMARKS

Applicant has rewritten portions of the specification. The changes from the previous version to the rewritten version are shown in attached Appendix A, with strikethrough for deleted matter and underlining for added matter.

Respectfully submitted,



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APPENDIX A
Attorney Docket No. 9281-4277
Inner-Rotor Motor Implementing Rotor With Effective Drive, and Disk
Drive Using the Same
Tomokuni Wauke

In the Specification

Please amend the paragraph on page 3, lines 16-20 as follows:

(Amended) However, when the area of the yoke 161 and the cores 163 is reduced according to the foregoing demand, there has been found a possibility that the magnetic mutual effect to the rotor 166 becomes circumferentially ~~ununiform~~nonuniform and the operational stability of the disk cannot be maintained accordingly.

Please amend the paragraph on page 13, lines 23-27 as follows:

(Amended) That is, the value Q that the spacing between the circumferential center positions of the rotor facing side 33 d and rotor facing side 38d positioned on both sides is expressed by the angle at the rotational center 21 is set to 75° in the central angle at the rotational center 21 of the rotor 2.

Please amend the paragraph on page 29, lines 7-10 as follows:

(Amended) On the control board 6 are mounted chips 61, ~~62~~61 as a controller that performs the drive control of the position controller 5 and the inner-rotor motor, and a capacitor 62, and so forth.

Please amend the paragraph on page 39, lines 11-18 as follows:

(Amended) Here, the spacing between the cut-out ~~46~~15 and the cut-out 16 is set larger than the spacing between the cut-out 12 and the cut-out 13, or the spacing between the cut-out 12 and the cut-out 14; accordingly, the magnetic fluxes from the magnet 25 fall much more on the chassis 1, and the downward thrust acting on the rotor 2 becomes larger. Therefore, the upper ends of the magnetic balancers 80, 90 are to be set at a higher position than the upper end of the magnetic balancer 7.